

Converting Colors

CIELCh(60, 34.924, 228.352)

Have a look what the booklet for
CIELCh(60, 34.924, 228.352)
contains.

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Color

CIELCh(60, 34.904, 228.733)

Conversions

Conversions Part 1

Format	Color
Hex	009EBE
RGB	0, 158, 190
RGB Percent	0%, 62%, 75%
CMY	1.0000, 0.3808, 0.2554
CMYK	1.00, 0.17, 0.00, 0.26
HSL	190°, 100%, 37%
HSV	190°, 100%, 74%
XYZ	21.4816, 28.1233, 52.9428
YIQ	114.4060, -104.4400, -23.5440

Conversions

Conversions Part 2

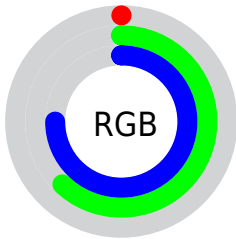
Format	Color
RYB	0, 86, 190
Decimal	40638
CIELab	60.00, -23.02, -26.24
CIELCh	60, 34.904, 228.733
Yxy	28.1233, 0.2095, 0.2742
Android (android.graphics.Color)	4278230718 (0xFF009EBE)
YUV	114.4060, 37.2678, -100.3341
Hunter-Lab	53.0314, -20.4995, -22.0689

Details

The CIELCh color **60, 34.904, 228.733** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **41, 80.544, 42.569**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **80, 34.768, 228.278**, and **41, 28.049, 240.084** is the 20% darker color. If you saturate the color by 10%, you get **60, 34.888, 228.749**, and if you desaturate by 10%, it is **61, 34.264, 225.698**.

Distribution



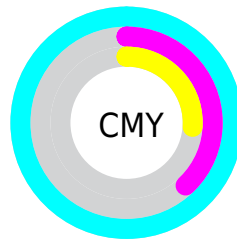
- Red (0%)
- Green (62%)
- Blue (75%)



- Red (0%)
- Yellow (34%)
- Blue (75%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (26%)





- Cyan (100%)
- Magenta (38%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 34.904, 228.733 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 60, 34.904, 228.733 by changing the saturation by 10% instead.


 60, 34.904,
228.733


 60, 34.904,
228.733


 100, 34.904,
228.733


 50, 34.904,
228.733


 80, 34.904,
228.733

 40, 34.904,
228.733

 90, 34.904,
228.733


 30, 34.904,
228.733

 20, 34.904,
228.733

 10, 34.904,
228.733

 0, 34.904, 228.733

 60, 34.904,

 60, 34.904,

228.733

228.733

■ 60, 34.888,
228.749

■ 61, 34.264,
225.698

■ 62, 33.127,
223.119

■ 64, 31.277,
221.065

■ 65, 28.668,
219.472

■ 67, 25.317,
218.266

■ 69, 21.279,
217.379

■ 70, 16.637,
216.752

■ 73, 11.482,
216.338

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60, 34.904, 228.733



41, 80.544, 42.569

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60, 34.904, 228.733



60, 34.904, 278.733



60, 34.904, 48.733



60, 34.904, 98.733

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60, 34.888, 228.749



89, 20.584, 216.777



67, 91.733, 137.881



47, 13.919, 217.021



99, 0.012, 296.813



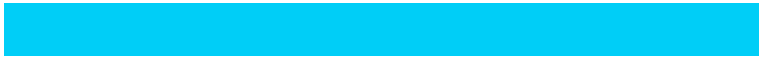
52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60, 34.888, 228.749



77, 42.566, 229.348



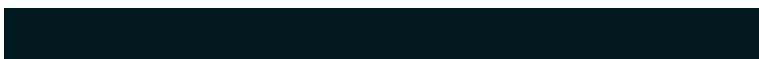
32, 78.524, 296.671



39, 3.337, 216.108



50, 30.461, 228.246



7, 9.624, 223.018

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43, 81.164, 336.317



56, 98.792, 336.474



58, 66.121, 75.583



37, 6.290, 329.986



36, 70.999, 336.186



3, 18.183, 332.535

Previews

White Background



This preview shows how the CIELCh color 60, 34.904, 228.733 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 60, 34.904, 228.733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

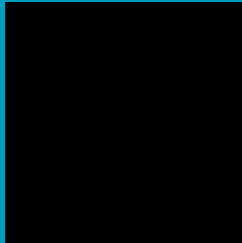
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 34.904, 228.733

Background



This preview shows how black text looks on a background with the CIELCh color 60, 34.904, 228.733.



This preview shows how white text looks on a background with the CIELCh color 60, 34.904, 228.733.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
60, 34.118, 209.255

Trichromacy



Original Color
60, 34.904, 228.733



Protanomaly
59, 26.356, 247.691



Deuteranomaly
59, 30.580, 255.670



Tritanomaly
60, 33.950, 216.526

Monochromacy



Original Color
60, 34.904, 228.733



Achromatopsia
48, 0.006, 296.813



Achromatomaly
51, 19.616, 218.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 34.904, 228.733 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 158, 190)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 190)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 158, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 34.904, 228.733 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 158, 190) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 158, 190) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 158, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 190);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 34.904, 228.733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 190) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 158,  
190) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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